

What is claimed is:

1. An optical deflection device comprising:

(a) a rotary body formed of a magnet, to which a polygon mirror is fixed;

(b) a bearing to which the rotary body is fixed; and

(c) a base table having a coil facing the magnet, the coil capable of rotating the rotary body formed of the magnet.

2. The optical deflection device of claim 1, wherein the rotary body is made of an molded plastic magnet which is fixed on the bearing by an injection molding.

3. The optical deflection device of claim 1, wherein the rotary body is fixed on the bearing by either one of force-fitting, shrinkage fitting and adhesion.

4. The optical deflection device of claim 3, wherein the rotary body is provided on a portion that in contact with bearing with a cutout or irregularity.

5. The optical deflection device of claim 1, wherein the bearing is a dynamic pressure bearing.

6. The optical deflection device of claim 5, wherein the dynamic bearing is made of ceramic.

7. An image forming apparatus comprising:

(a) a light source;

(b) the optical deflection device according to claim 1 for deflecting light emergent from the light source; and

(c) a scanner for scanning the deflected light onto a recording medium, thereby recording an image thereon.